

Date: January 7, 2014

To: Thomas J. Bonfield, City Manager
Through: W. Bowman Ferguson, Deputy City Manager
From: Marvin Williams, Director of Public Works
Subject: Main Street Bridge Replacement: Water Line Utility Agreement with NCDOT

Executive Summary

The North Carolina Department of Transportation (NCDOT) prepared and adopted plans to replace Bridge Number 318 over Campus Drive on US 70 Business (West Main Street) under Project B-3638. There were existing City waterlines attached to the Bridge which the City relocated. The City and NCDOT have agreed in a Municipal Agreement to evenly split the costs associated with relocating the attached utility lines. Additional paving and utility work was performed beyond the original scope of the Municipal Agreement for which the City and NCDOT will share their respective portions of the costs. This Utility Relocation Agreement quantifies the cost responsibilities for the City and NCDOT.

Recommendation

The Public Works Department recommends that the City Council authorize the City Manager to execute a Utility Relocation Agreement with NCDOT for the Bridge Replacement over Campus Drive (project B-3638) to assign a cost share of \$308,549.56 to the City and \$237,851.66 to NCDOT for work associated with the relocation of the City's utility lines, water line abandonment, and paving.

Background

NCDOT project B-3638 includes plans to replace Bridge Number 318 over Campus Drive on US 70 Business (West Main Street). The Municipal Agreement stipulates that a separate Utility Agreement will be entered into that will address utility line relocations and adjustments. The utility lines within US 70 Business (West Main Street) were attached to the bridge and are owned and operated by the City of Durham. These existing utility lines were in conflict with the proposed bridge replacement and were relocated by the City. NCDOT and the City have agreed to share the financial responsibility to relocate these utilities. During construction it was further agreed that the City and NCDOT would share in the cost to mill and repave all of Main Street. The City also agreed to remove the old water line rather than abandoned it in place. NCDOT performed the paving and abandonment work. The cost share agreement was modified to allow an equal amount to be deduction from NCDOT's share and added to the City's share. This was the agreed method to compensate NCDOT for the work they performed on the City's behalf.

Issues/Analysis

The NCDOT has replaced the Bridge over Campus Drive on US 70 Business (West Main Street). City waterlines were relocated off the old bridge and placed underground. A separate Utility Agreement is necessary to address the utility line relocations, water line abandonment, and paving work.

Alternatives

The Council can choose to not authorize the Manager to approve the Utility Agreement in which case the City could not seek its share of the water line cost from NCDOT.

Financial Impact

This Utility Relocation Agreement establishes the division of Financial Responsibility for the relocation of City of Durham owned utility lines, water line abandonment and paving work. NCDOT and the City will share the financial cost. The water line relocation work and water line abandonment was performed by the City. The paving work was performed by NCDOT. The total project cost was \$546,401.22 for design and construction to relocate the water line, paving, and water line abandonment. The 50% cost shares equal:
 $\$546,401.22 / 2 = \$273,200.61$

The design and construction cost to relocate the water line will be shared 50/50. The City paid for milling the two northern lanes of Main Street and for replacement of the traffic loops. NCDOT repaved all of Main Street at their cost. The City paid to have the old water line abandoned.

City Cost Share

\$273,200.61	50% of design and construction cost to relocate the water line
+\$34,718.95	Milling two northern lanes of Main Street and replacing the traffic loops
<u>+\$630.00</u>	Old water line abandonment
308,549.56	

NCDOT Cost Share

\$273,200.61	50% of design and construction cost to relocate the water line
\$0.00	Repave Main Street performed under separate NCDOT project
-\$34,718.95	Milling two northern lanes of Main Street and replacing the traffic loops
<u>-\$630.00</u>	Old water line abandonment
237,851.66	

The City share of the project cost is \$308,549.56. The NCDOT share of the project is \$237,851.66, and this amount will be reimbursed to the City.

SDBE Requirements

This section is not applicable to this agenda item.